

Application No.: 10/063,559

REMARKS

Applicants wish to thank the Examiner for the personal interview conducted on 6/22/2005, where agreement was not reached with respect to patentable claims over the prior art of record. The interview was conducted in person and attended by Examiner Carolyn L. Smith, and Applicants' representative William R. McCarthy III. The subject matter of the interview included discussion of some proposed claim amendments which were faxed to the Examiner prior to the interview. In particular, the probe-set identifier limitations of independent claim 19 were discussed with respect to the disclosure of Maslyn et al. U.S. Patent Serial No. 6,408,308. Applicants would like to state that the interview was found to be very helpful in advancing the prosecution of the present application.

Upon entry of this response, claims 19, 49-51, 64-65, and 67-72 are pending, and of these claims 19, 49, and 72 are independent. Upon entry of the present response, claims 61-62 are cancelled and claims 67-72 are new the support for which may be found in the description of the present application at:

claim 67, paragraph 0091 *et seq.*;

claim 68, paragraph 0090 *et seq.*;

claim 69, paragraph 0090 *et seq.*;

claim 70, paragraph 0090 *et seq.*;

claim 71, paragraph 0091 *et seq.*; and

claim 72, claim 19 and paragraph 0084 *et seq.*